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(54) INK JET RECORDING SHEET

(57)Abstract:

PURPOSE: To obtain a recording sheet on which ink dots are relatively largely spread and the dots are substantially true circular in shape, by using a coating material comprising a pigment with a specified particle diameter, a specified binder and a specified dye fixing agent.

CONSTITUTION: A coating material comprising a binder, a dye fixing agent and a pigment is applied to the surface of a base such as a paper to obtain the recording sheet. The binder comprises acetoacetylated PVA in an amount of 15W100%. A cationic dicyandiamide resin is used as the dye fixing agent. The pigment has an average particle diameter of 5W15 μ m. The ink jet recording sheet is so controlled that the ink dots printed on the sheet have a diameter D of about 3.4dW6.0d, where (d) is the diameter of a nozzle.

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